
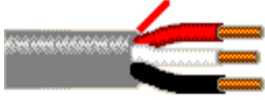


Product: [5321UE](#) 



Security & Sound, 3 Conductor 18 AWG BC, Riser

Product Description

Security & Commercial Audio Cable, 3 Conductor 18 AWG solid bare copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

Technical Specifications

Product Overview

Suitable Applications:	Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	3

Conductor Count:	3
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

Color Chart

Number	Color
1	Black
2	Red
3	White

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.151 in	0.017 in	Yes

Construction and Dimensions

Cabling

Twists
3.42 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

23 pF/ft

Current

Max. Recommended Current [A]

5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	21.7 lbs/1000ft
Max. Pull Tension:	68.8 lbs
Min Bend Radius/Minor Axis:	1.6 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6321UE

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
5321UE 0081000	Gray	Reel	1,000 ft	612825160571
5321UE 008U1000	Gray	UnReel	1,000 ft	612825423652
5321UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825160830

History

Update and Revision:	Revision Number: 0.268 Revision Date: 06-24-2020
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